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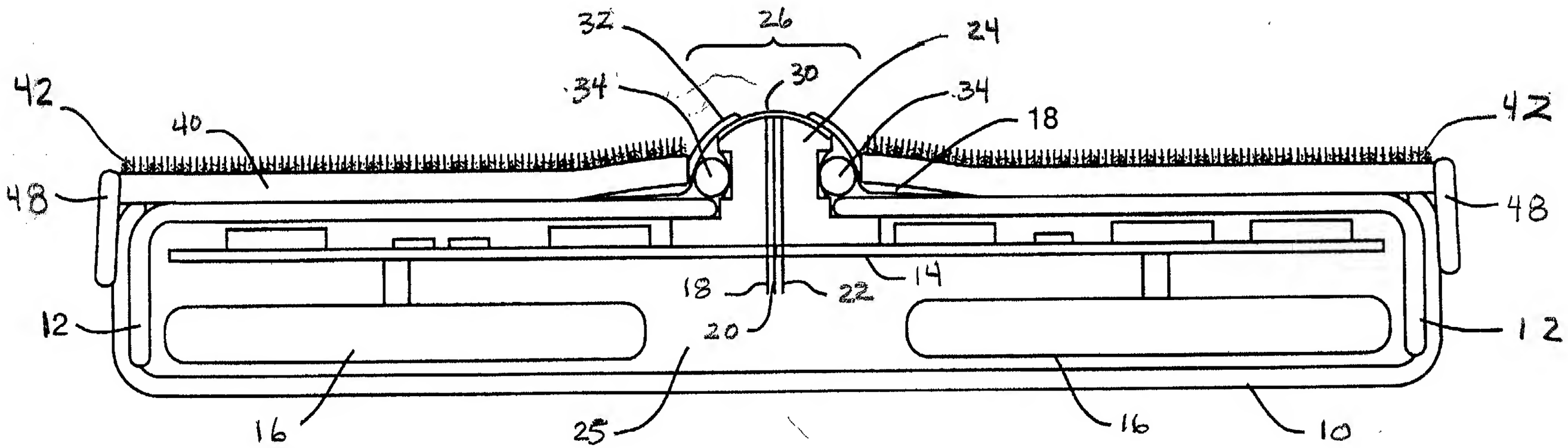
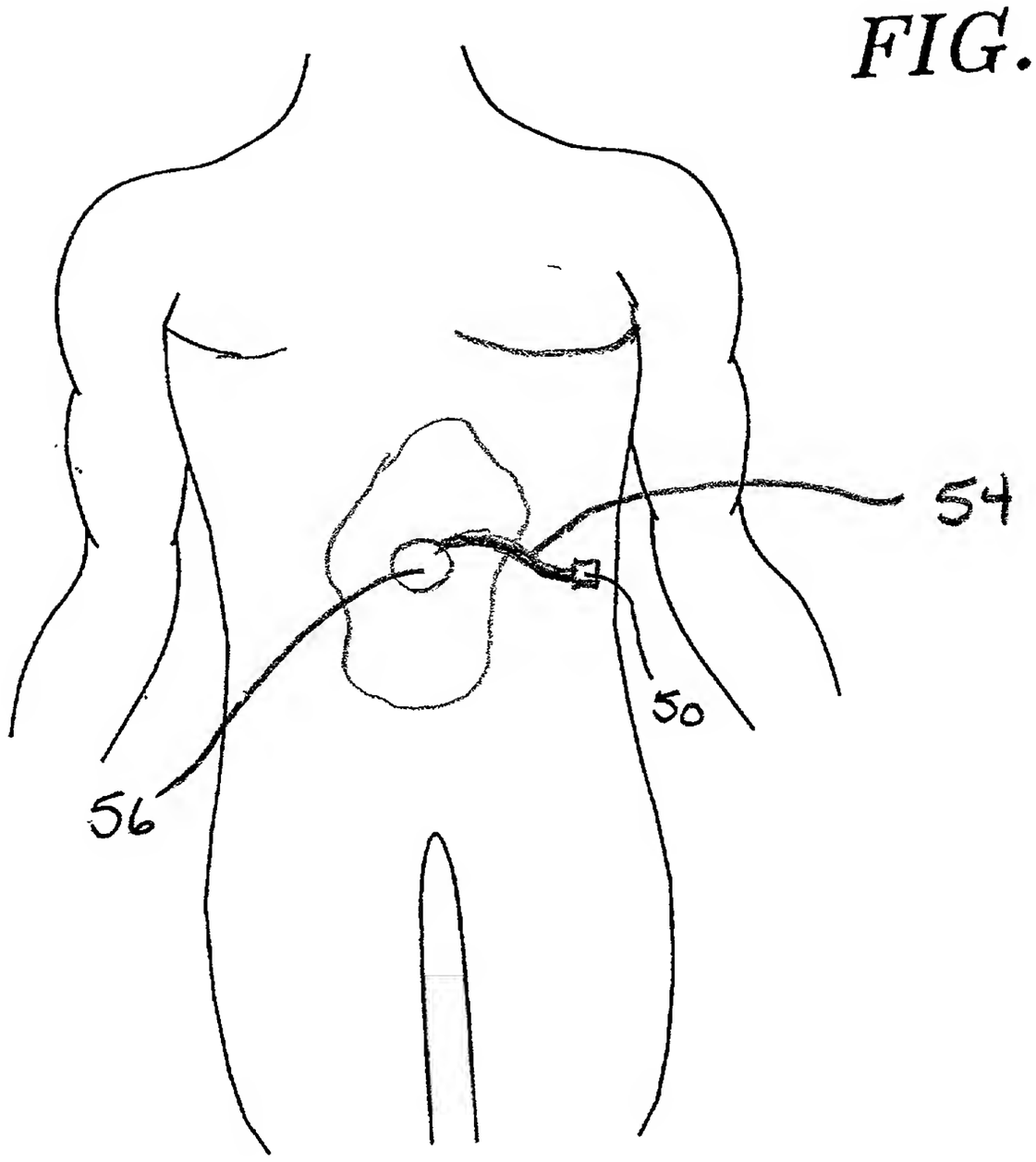


FIG. 1

FIG. 2



2080TO' 2380bbGT

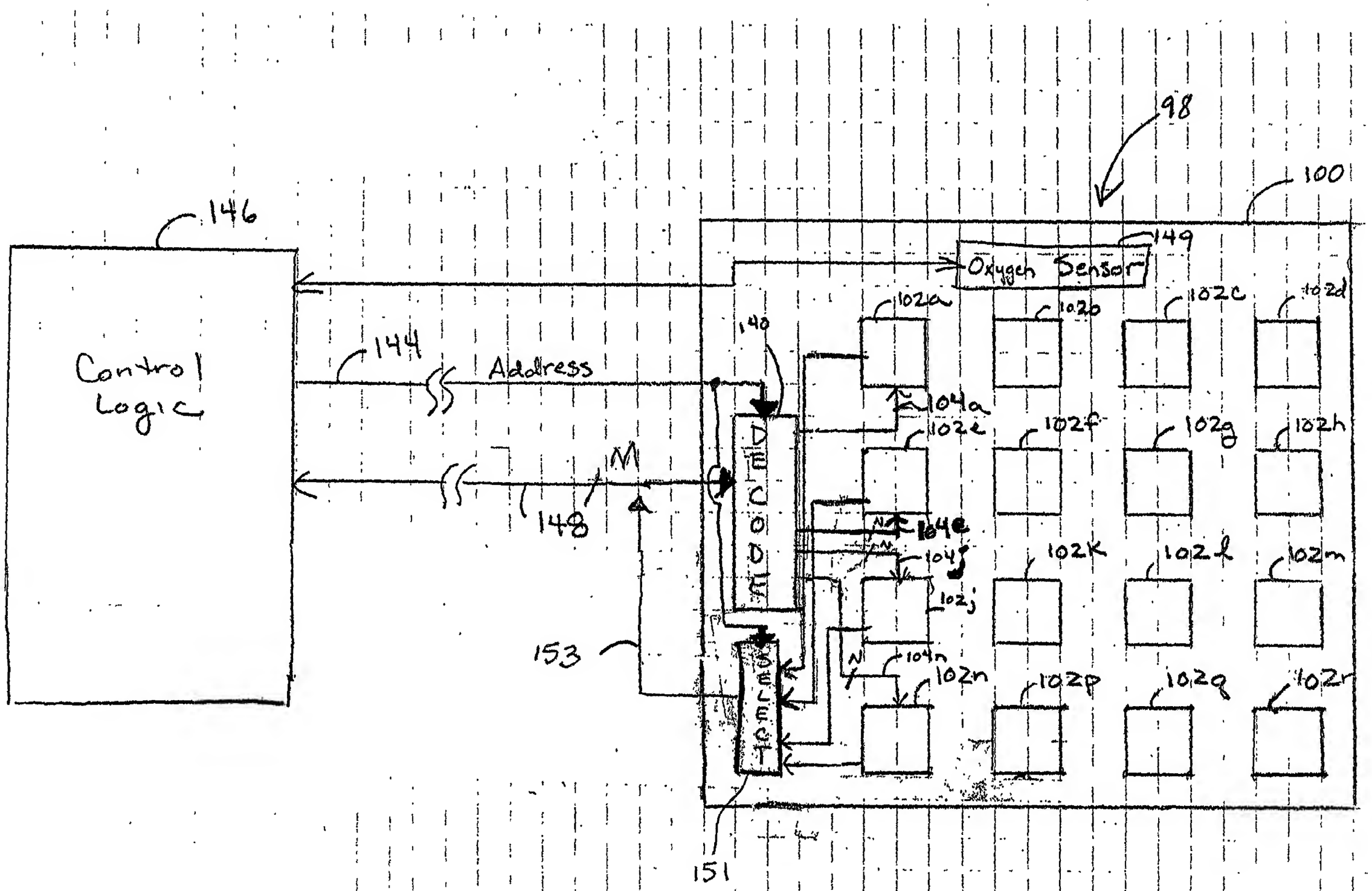


Figure 3

SPECIAL ATTORNEY

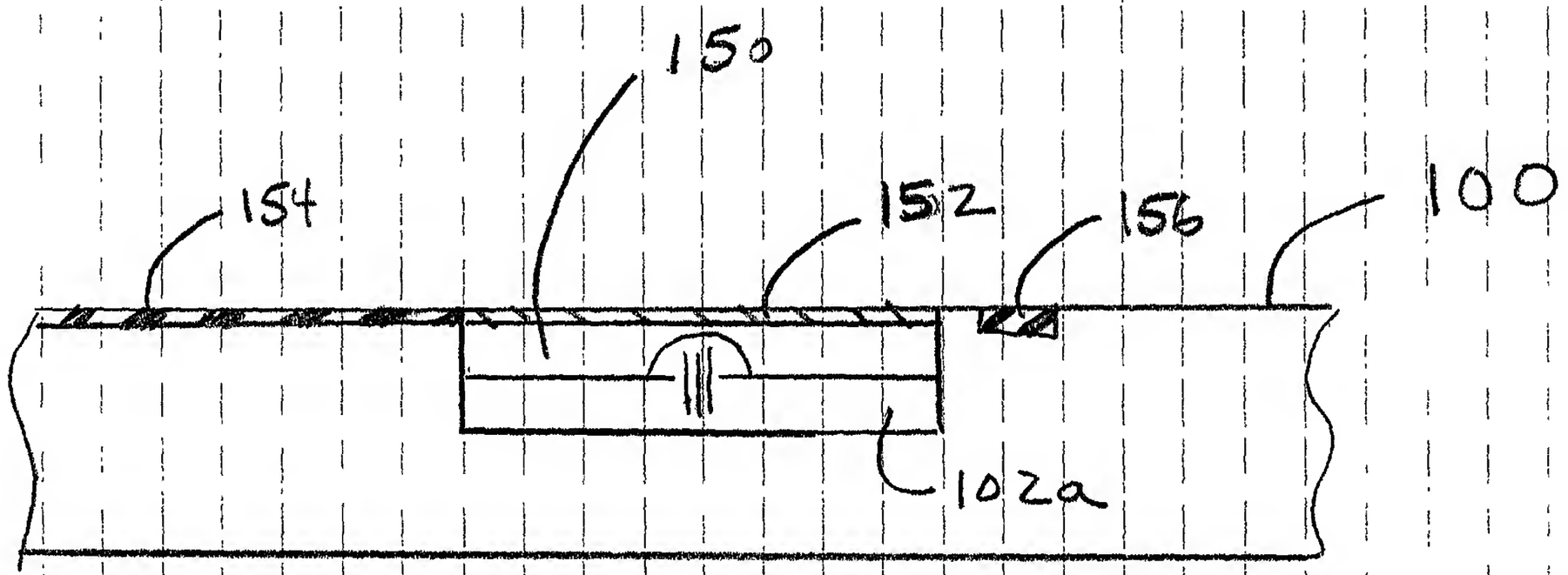


Figure 4A

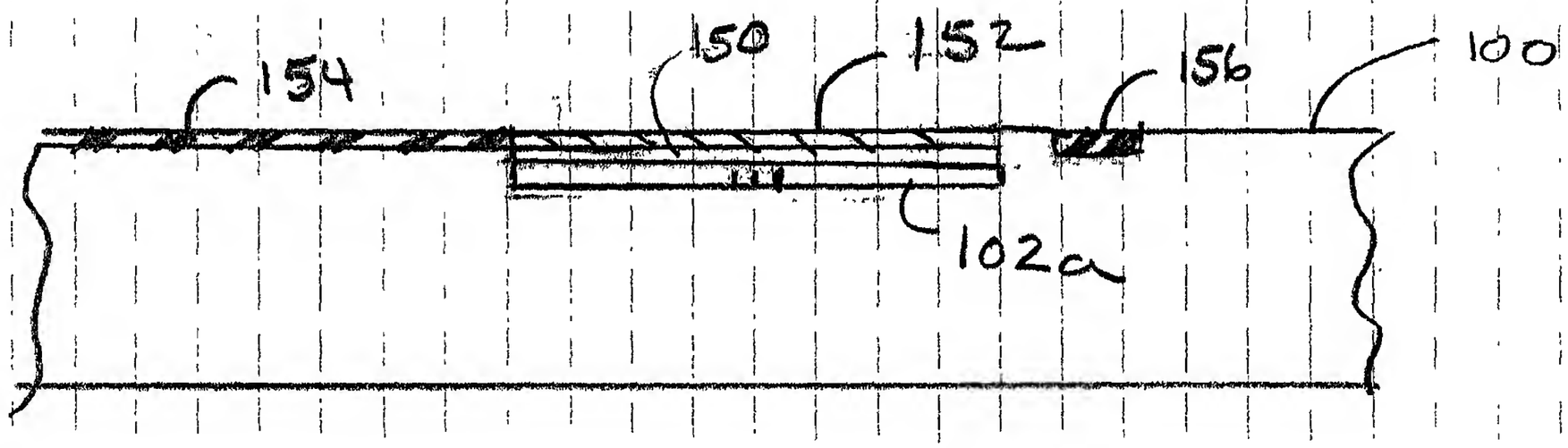


Figure 4B

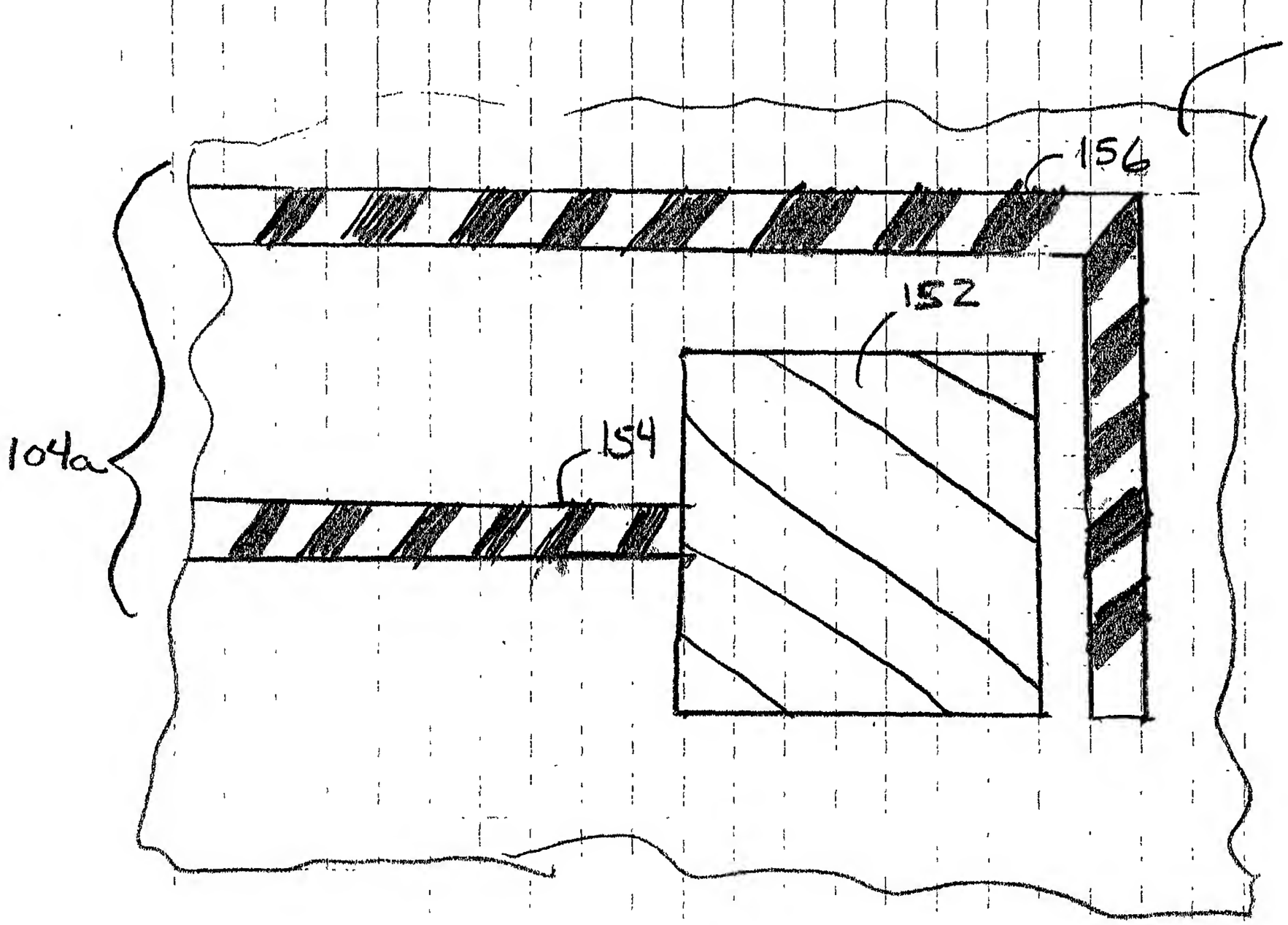


Figure 5

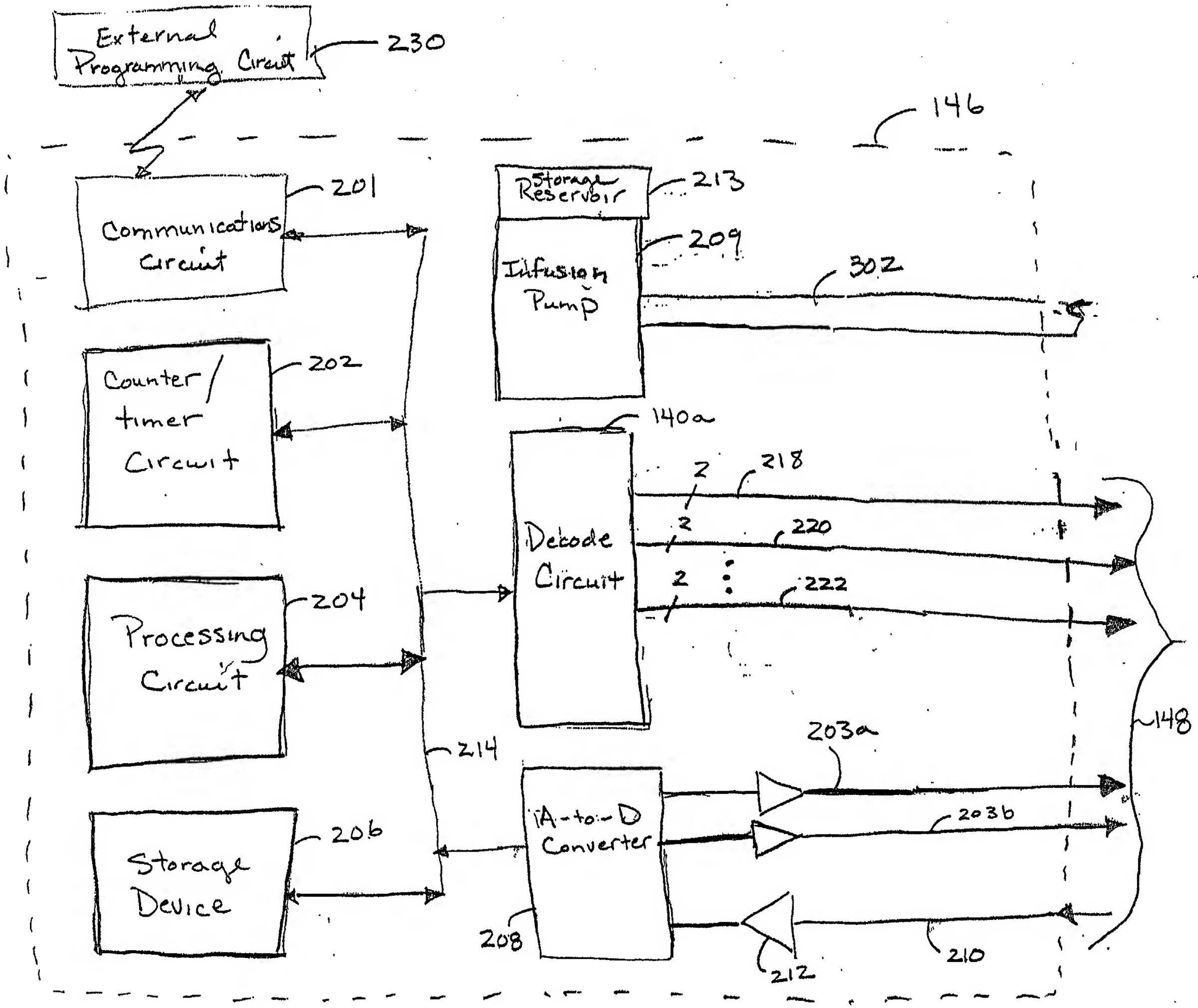

External Programming Circuit
230
146
201
Communications Circuit
Storage Reservoir
213
209
Infusion Pump
302
202
Counter/ timer Circuit
140a
218
220
222
Decode Circuit
204
Processing Circuit
214
148
203a
203b
206
Storage Device
A-to-D Converter
208
210
212

Figure 6

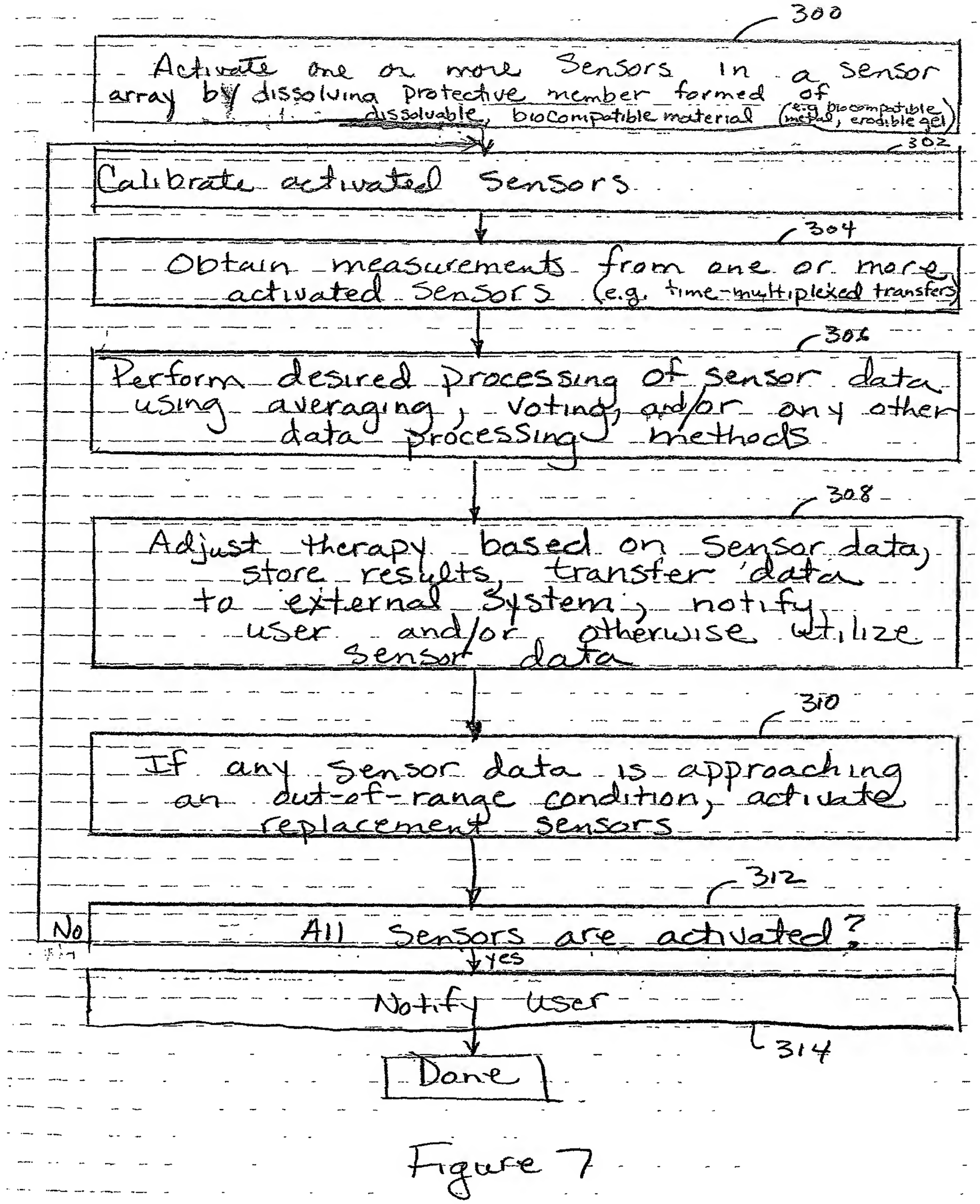

300
Activate one or more Sensors in a sensor array by dissolving protective member formed of dissoluable, biocompatible material (e.g. biocompatible metal, erodible gel)
302
Calibrate activated Sensors
304
Obtain measurements from one or more activated Sensors (e.g. time-multiplexed transfers)
306
Perform desired processing of sensor data using averaging, voting, and/or any other data processing methods
308
Adjust therapy based on Sensor data, store results, transfer data to external System, notify user and/or otherwise utilize Sensor data
310
If any Sensor data is approaching an out-of-range condition, activate replacement sensors
312
All Sensors are activated?
No
Yes
Notify User
314
Done

Figure 7